

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 108556.01		Rule 53(b) Divisional of APPLICATION NO. 09/778,735	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT(S) Takashi FUKUI et al.			
				FILING DATE July 30, 2003			
				U.S. PATENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
DB	1	4,889,837 /	12/1989	Ono et al.	/	/	
	2	4,839,097 /	6/1989	Noi et al.			
	3	6,118,648 /	09/2000	Kojima et al.			
	4	4,362,637 /	12/1982	Matsuo et al.			
↓	5	5,204,301 /	04/1993	Ohkubo et al.			
DB	6	6,329,311 /	12/2001	Fujii et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
DB	7	JP 08-301658 (w/Abstract) /	11/1996	JAPAN	/	/	
	8	JP 08-301657 (w/Abstract) ✓	11/1996	JAPAN			
	9	JP 07-211140 (w/Abstract) /	8/1995	JAPAN			
	10	JP 07-211138 (w/Abstract) /	8/1995	JAPAN			
	11	JP 06-283028 (w/Abstract) ✓	10/1994	JAPAN			
	12	JP 50-23920 /	8/1975	JAPAN			
	13	JP 03-053407 (w/Abstract) /	03/1991	JAPAN			
	14	JP 53-75500 /	7/1978	JAPAN			
	15	JP 53-68899 /	6/1978	JAPAN			
	16	JP 10-35169 (w/Abstract) ✓	12/1998	JAPAN			
	17	JP 11-106259 (w/Abstract) ✓	4/1999	JAPAN			
	18	JP 06-243725 (w/Abstract) ✓	9/1994	JAPAN			
↓	19	JP 50-50700 ✓	5/1975	JAPAN			
DB	20	JP 50-53899 /	5/1975	JAPAN			
EXAMINER	DM Brunsma				DATE CONSIDERED 9/13/04		
Examiner:	Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

Date: July 30, 2003

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21		JP 01 267906 A (Abstract) /	10/1989	JAPAN		
22		JP 03 053408 A (Abstract) /	3/1991	JAPAN		
23		JP 03 029208 A (Abstract) /	2/1991	JAPAN		
24		JP 08 295560 A (Abstract) /	11/1996	JAPAN		
25		JP 012 74411 A (Abstract) /	11/1989	JAPAN		
26		JP 52 036750 A (Abstract) /	3/1977	JAPAN		
27		JP 52 147799 A (Abstract) /	12/1977	JAPAN		
28		JP 03 237058 A (Abstract) ✓	10/1991	JAPAN		
29		DE 40 09 956 A1 /	10/1991	GERMANY		
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31		JP 04 202049 A (Abstract) ✓	07/1992	JAPAN		
32		JP 62-24388 B ✓	05/1987	Japan		
33		JP 63-324108 A ✓	09/1988	Japan		
34		JP 63-224109 A /	09/1988	Japan		
35		JP 4-206109 A (w/abstract) ✓	07/1992	Japan		
36		JP 5-18201 B /	03/1993	Japan		
37		JP 8-24006 B2 ✓	03/1996	Japan		
38		JP 2508359 B2 ✓	04/1996	Japan		
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